

Licence No.: 2355

Licence Issued: August 27, 1998

**IN ACCORDANCE WITH THE MANITOBA ENVIRONMENT ACT (C.C.S.M. c. E125)
THIS LICENCE IS ISSUED PURSUANT TO SECTION 11(1) TO:**

THE RURAL MUNICIPALITY OF GRANDVIEW; "the Licencee"

for the construction and operation of the Development being a rural water supply system in the Rural Municipality of Grandview north and west of the Town of Grandview, and in accordance with the Proposal filed under The Environment Act dated June 24, 1998, and subject to the following specifications, limits, terms and conditions:

GENERAL TERMS AND CONDITIONS

This Section of the Licence contains requirements intended to provide guidance to the Licencee in implementing practices to ensure that the environment is maintained in such a manner as to sustain a high quality of life, including social and economic development, recreation and leisure for present and future Manitobans.

1. The Licencee shall ensure that all used oil products and other regulated hazardous wastes generated by the machinery used in the construction and operation of the Development are collected and disposed of in accordance with applicable Manitoba Environment and legislation requirements.
2. The Licencee shall, prior to the commencement of operation of the Development, receive approval pursuant to The Public Health Act for final plans for the Development.
3. The Licencee shall construct waterway crossings by augering, tunnelling or boring. Open cut waterway crossings shall not be made unless prior consultation with Manitoba Natural Resources staff has occurred and the prior written approval of the Director has been obtained. This condition applies on continuously flowing watercourses at all times, and on intermittent streams and artificial drainage channels only when flow is occurring.
4. The Licencee shall revegetate soil exposed during the construction of the Development with native or introduced grasses or legumes. Native species shall be used to revegetate areas where native species existed prior to construction. Revegetation is not required for pipelines installed by chain trenching or ploughing on previously disturbed ground including road allowances.
5. The Licencee shall ensure that local drainage patterns are not altered by the construction of the Development, including inflows and outflows from small wetlands adjacent to the route of pipelines.
6. The Licencee shall, where open cut stream crossing techniques are used on intermittent waterways and artificial drainage channels, minimize disturbance to riparian areas and restore the bottom and banks of the waterways to their original elevations and shapes.
7. The Licencee shall not commence construction of the Development until the Historic Resources Branch has conducted a heritage resources field reconnaissance survey at stream crossing locations.
8. The Licencee shall, prior to commencing construction of the Development, obtain an agreement with Manitoba Highways and Transportation respecting the construction of pipelines in the rights-of-way of Provincial Trunk Highways and Provincial Roads.
9. The Licencee shall ensure that backflow prevention devices are installed at all cross-connections between the Development and existing private water supply systems.
10. The Licencee shall:

- a. prepare "As Constructed" drawings for the Development and shall label the drawings "As Constructed"; and
 - b. provide to the Director, within three months of the completion of construction of the Development, two sets of "As Constructed" drawings.
11. The Licencee shall, prior to March 31, 1999, submit to the Director a report on water conservation measures which are appropriate for the Development. The report shall discuss leak detection and water loss monitoring, metering, pricing, ongoing public awareness, measures to promote low water use devices and other measures which may be used to promote water conservation. The report shall also contain a schedule for the implementation of measures which are planned for adoption.
 12. The Licencee shall ensure that the operation of the municipal water supply is in accordance with Manitoba Regulations under The Public Health Act and all operating requirements as recommended by Manitoba Environment.
 13. The Licencee shall ensure that the operation of the Development is carried out by individuals properly trained or qualified to do so.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

14. The Licencee shall notify the Park-West Region of Manitoba Environment not less than two weeks prior to beginning construction of the Development. The notification shall include the intended starting date of construction and the name of the contractor responsible for the construction.
15. The Licencee shall, prior to the commencement of construction of the Development, meet with the contractor and regional staff of Manitoba Natural Resources to review the routes of the pipelines and proposed stream crossing details.
16. The Licencee shall, prior to the commencement of construction of the Development, obtain a Work Permit from the Grandview District Office of Manitoba Natural Resources.
17. The Licencee shall separate and replace topsoil from backhoe and trenching operations in accordance with the methodology described in Figures 1, 2 and 3 attached to this Licence. This requirement is not applicable where the topsoil has been previously disturbed due to the construction of roads or drains.
18. Notwithstanding Clause 3 of this Licence, the Licencee shall not construct open cut crossings of intermittent streams associated with the Development between March 15 and June 15 of any year. Open cut crossings shall comply with the provisions of the Fisheries and Oceans/Manitoba Natural Resources publication "***Manitoba Stream Crossing Guidelines for the Protection of Fish and Fish Habitat***" (May, 1996).
19. The Licencee shall not construct pipelines associated with the Development in wetlands earlier than July 1 of any year. Disturbance to wetlands shall be minimized.
20. The Licencee shall avoid construction of the Development in and adjacent to areas of significant bird habitat prior to August 1 of any year.
21. The Licencee shall ensure that chlorinated water from pipeline testing and startup activities associated with the Development is not released until chlorine level concentrations are equal to or less than 0.1 milligrams per litre.
22. The Licencee shall ensure that, during construction and operation of the Development, spills of fuels or other contaminants are reported to an Environment Officer in accordance with the requirements of ***Manitoba Regulation 439/87*** respecting ***Environmental Accident Reporting***.
23. The Licencee shall ensure that non-reusable demolition and construction debris from the Development is

disposed of at a waste disposal ground operating under the authority of a permit issued under *Manitoba Regulation 150/91* respecting *Waste Disposal Grounds*.

24. The Licencee shall ensure that fuel storage and equipment servicing areas established for the construction and operation of the Development are located a minimum distance of 100 metres from any waterbody, and shall comply with the requirements of *Manitoba Regulation 97/88R* respecting *Storage and Handling of Gasoline and Associated Products*.

REVIEW AND REVOCATION

- A. If, in the opinion of the Director, the Licencee has exceeded or is exceeding or has or is failing to meet the specifications, limits, terms, or conditions set out in this Licence, the Director may, temporarily or permanently, revoke this Licence.
- B. If construction of the development has not commenced within three years of the date of this Licence, the Licence is revoked.
- C. If, in the opinion of the Director, new evidence warrants a change in the specifications, limits, terms or conditions of this Licence, the Director may require the filing of a new proposal pursuant to Section 11 of The Environment Act.

"original signed by"

Larry Strachan, P. Eng.
Director
Environment Act

Client File No.: 4255.10